GET MORE LIGHT OVER LIFE. GET IT NOW.

GE EXCLUSIVE stayBright™ MULTI-VAPOR® LAMPS.

Stays brighter...longer. GE StayBright™ Multi-Vapor® lamps deliver 22 percent more light over life (mean lumens), **the highest maintained lumens of any standard CW/CWA system.** With lamps that stay brighter longer, you'll have a brighter, more productive facility, with fewer maintenance concerns.

Longer useful life. Higher maintained lumens means you can **extend the relamp cycle** with StayBright Multi-Vapor lamps **substantially reducing lamp replacement and maintenance costs.**

Applications

- Retail Ceiling
- Industrial
- General Lighting
- Parking Areas
- Warehouse

Watt-Miser® 360W version delivers energy cost savings. Reduce your energy costs, while getting all the benefits of higher maintained light output. GE StayBright Watt-Miser lamps **reduce energy costs by 10% or $80 per socket*** when replacing standard or high output 400-watt metal halide lamps.

Direct replacement of existing metal halide lamps. GE's exclusive StayBright design features an integral pulse-start technology that provides "PulseArc™-like" performance on standard CW/CWA ballasts. No need for new ignitor systems or fixtures.

High-Output 400-watt version and Watt-Miser 360W version, clear or coated.

Photograph courtesy of Holophane Corporation.

Now Available—
360W StayBright™ Watt-Miser®

GE Lighting

*10¢ per KWH over lamp life, national average utility rate.

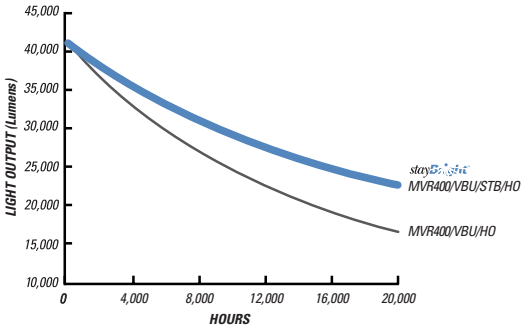
GE StayBright™ Multi-Vapor® Lamps

Performance Data

PRODUCT INFORMATION	CLEAR 360-WATT	COATED 360-WATT	CLEAR 400-WATT	COATED 400-WATT
Product Code	47685	47686	26865	26866
ANSI Ballast Code	M59	M59	M59	M59
Description	MVR360/VBU/STB/WM	MVR360/C/VBU/STB/WM	MVR400/VBU/STB/HO	MVR400/C/VBU/STB/HO
Phsyical Characteristics				
Burning Position	Vert. Base Up ±15°	Vert. Base Up ±15°	Vert. Base Up ±15°	Vert. Base Up ± 15°
Bulb Designation	ED37	ED37	ED37	ED37
Bulb Material	Heat-Resistant Glass	Heat-Resistant Glass	Heat-Resistant Glass	Heat-Resistant Glass
Bulb Nominal Diameter, mm (inches)	117.5 (4 5/8")	117.5 (4 5/8")	117.5 (4 5/8")	117.5 (4 5/8")
Base Type	Mogul (E39)	Mogul (E39)	Mogul (E39)	Mogul (E39)
Light Center Length, mm (inches)	178.0 (7")	178.0 (7")	178.0 (7")	178.0 (7")
Maximum Overall Length, mm (inches)	287.5 (11 5/16")	287.5 (11 5/16")	287.5 (11 5/16")	287.5 (11 5/16")
Arc Length, mm (inches)	38 (1 1/2")	N/A	38 (1 1/2")	N/A
Maximum Bulb Temperature °C	400°C	400°C	400°C	400°C
Maximum Base Temperature °C	210°C	210°C	210°C	210°C
Maximum Eccentricity: Bulb to Base	3°	3°	3°	3°
Maximum Eccentricity: Bulb to Arc Axis	3°	3°	3°	3°
Fixture Requirements*	S	S	S	S
Electrical Characteristics				
Nominal Watts	360	360	400	400
Nominal Volts	120	120	135	135
Nominal Lamp Amps—Starting	5	5	5	5
Nominal Lamps Amps—Operating	3.2	3.2	3.2	3.2
Maximum Current Crest Factor	1.8	1.8	1.8	1.8
Minimum Open Circuit Voltage: RMS	382	382	382	382
Minimum Open Circuit Voltage: Peak	540	540	540	540
Photometric Characteristics				
Reference—Initial Lumens	36,000	35,000	41,000	40,000
Reference—Mean Lumens (40% Rated Life)	27,000	26,000	31,000	29,500
Average Rated Life (Hours)	20,000	20,000	20,000	20,000
Color Rendering Index (Ra) CRI @ K	65 @ 4300K	70 @ 4000K	65 @ 4000K	70 @ 3700K
Warm-up Time (Minutes) to 90%	< 5 Min.	< 5 Min.	< 5 Min.	< 5 Min.
Hot Restart Time (Minutes) to 90%	10-15 Min.	10-15 Min	10-15 Min.	10-15 Min.
Chromaticity Coordinates: X-	0.375	0.385	0.385	0.395
Chromaticity Coordinates: Y-	0.400	0.400	0.390	0.390

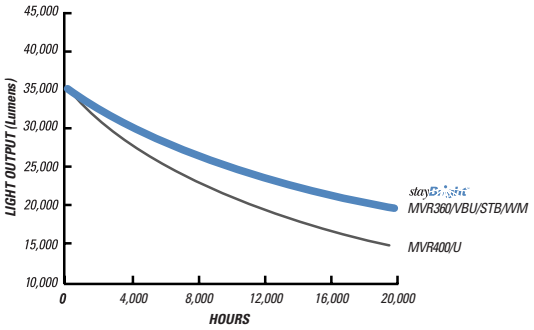
***Fixture Requirements:** **O**=Open Fixture (Containment Rated); **S**=Open Fixture Permissable if Vertical ± 15° (Not Containment Rated); **E**=Enclosed Fixture Only

LUMEN MAINTENANCE
400W StayBright vs. 400W High-Output



Note: Curves shown are approximations determined under ANSI-specified test conditions. Metal Halide lumen maintenance will vary from lamp-to-lamp and under different burning conditions.

LUMEN MAINTENANCE
360W StayBright vs. 400W Universal



Note: Curves shown are approximations determined under ANSI-specified test conditions. Metal Halide lumen maintenance will vary from lamp-to-lamp and under different burning conditions.

IMPORTANT NOTICE: In accordance with Federal Standard 21 CFR 1040.30, the following notice applies to the Mercury lamps described above.

Warning: This lamp can cause serious skin burn and eye inflammation from shortwave ultraviolet radiation if outer envelope of the lamp is broken or punctured, and the arc tube continues to operate. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Certain types of lamps that will automatically be extinguished when the outer envelope is broken or punctured are commercially available from GE Lighting. These are self-extinguishing SAF-T-GARD® Mercury and Multi-Vapor lamps.

All lamps listed above conform to ANSI standards for the designations listed, including base temperature ratings, electrical performance, and physical information unless otherwise noted. Consult GE Lighting for specific details.

For applicable safety notices and operating instructions, consult the lamp packaging. Further information is also available in the GE Lamp Products Catalog (publication 86040).

For definitions of terms used in these specifications, consult the GE Lamp Products Catalog (publication 86040).

GE Lighting

For complete product information, visit the GE Web site at www.GELighting.com

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